UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/620,667	07/16/2003	Thomas John Klos	PAN1.001	9565

39863	7590	06/16/2006

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EXAMINER
PWU, JEFFREY C

ART UNIT	PAPER NUMBER
2143	

DATE MAILED: 06/16/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

	Application No.	Applicant(s)
Office Action Summary	10/620,667	KLOS ET AL.
	Examiner	Art Unit	
	Jeffrey C. Pwu	2143	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☐ Responsive to communication(s) filed on _____.
2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.
3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-18* is/are pending in the application.
    4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5)☐ Claim(s) _____ is/are allowed.
6)☒ Claim(s) *1-8 and 12-18* is/are rejected.
7)☒ Claim(s) *9-11* is/are objected to.
8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.
10)☒ The drawing(s) filed on 7/16, 11/? 2003 is/are: a)☒ accepted or b)☐ objected to by the Examiner.
    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
    a)☐ All   b)☐ Some * c)☐ None of:
      1.☐ Certified copies of the priority documents have been received.
      2.☐ Certified copies of the priority documents have been received in Application No. _____.
      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date *7/16/2003*.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Title

1.   The title of the invention is not descriptive. A new title is required that is clearly

indicative of the invention to which the claims are directed.

Claim Rejections - 35 USC § 102

2.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on
> sale in this country, more than one year prior to the date of application for patent in the United States.

3.   Claims 1-8 and 12-18 are rejected under 35 U.S.C. 102(b) as being anticipated by Zoken

(U.S. 5,944,787).

Zoken teaches claims:

1. A method for processing an electronic mail message comprising the steps of:

(a) receiving in an electronic mail receiving system an electronic message having an address

(12), said address having an electronic mail receiving system domain with a recipient name

encoded therein; and (col.5, lines 46-59)

(b) processing said electronic message in accordance with processing instructions associated

with said recipient name. ("in step 21, email mapper 10 filters the input message, i.e.,

"jack@chipcorp.com" to identify the company name encoded in the domain name of the sender's

email or posting. Once the company name is identified, email mapper 10 then accesses a

business database comprising company names and the one or more corporate addresses

associated with a particular company, such as a NIC database, to constrain the geographic locale

of the sender address, such as illustrated in FIG. 3. And again, once the geographic locale of the

sender is isolated from the second level of the domain name, then email mapper 10 searches the

one or more electronic whitepages associated with the detected geographic locale for the sender's

address.")

2. The method of claim 1, wherein said recipient name is a sub-domain of said electronic mail

receiving system domain, said processing step including the step of processing said sub-domain.

(col.5, line 60-col.6, line 25)

3. The method of claim 1, wherein said processing includes the step of routing said electronic

message to an e-mail server associated with said recipient name. (col.3, lines 40-60)

4. A method for processing an electronic mail message comprising the steps of: (a) accepting a

request for e-mail server address information for an electronic message having an address, said

address having an electronic mail receiving system domain with a recipient name encoded

therein; (b) providing an e-mail server address for said recipient name in response to said

request; (c) accepting said electronic message at said e-mail server address. (col.2, lines 13-34;

col.5, lines 46-59)

5. The method of claim 4, wherein said recipient name is a sub-domain of said electronic mail

receiving system domain, and wherein said step of providing an e-mail server address includes the steps of: (a) obtaining sub-domain address information for said sub-domain of said electronic mail receiving system domain; (b) providing said sub-domain address as said e-mail server address. ("a company may have multilevel deep subdomain names, with the first domain name being the name, usually the company, institutional name, to the immediate left of the ".com" and the subsequent subdomain levels numbered in increasing order to the left of the first domain name, such that the second level domain name would be to the immediate left of the first and so on. For example, a person "jbeanstalk" who works on project W in Department X in Division Y at Company Z could have the email address: jbeanstalk@ProjectW.DeptX.DivY.Z.com."

6. The method of claim 5, wherein said step of obtaining said sub-domain address information includes the steps of requesting an address from a DNS server and receiving a sub-domain address from said DNS server in response to said request. (see "NNTP server")

7. The method of claim 4, wherein said address includes a source identifier, further comprising the steps of: (a) examining the source identifier included in said address; (b) processing said electronic message based on processing instructions associated with said source identifier. ("Once an ISP is detected in the email address in step 20, a database comprising the ISP and the area codes it services is accesssed to constrain the geographic locale of the sender. The whitepage database then is searched for the geographic areas identified by the area codes to identify possible sender's postal address associated with the sender's name found in the database for those geographic locales serviced by the ISP. Alternatively, the input message header may

not only identify the ISP, but also, the routing path of sender's message, thus indicating the source to destination path taken by the sender's message. This source information can then also help narrow the geographic locale of the sender and increase the accuracy of locating the probable sender's postal address.")

8. The method of claim 7, wherein said address includes a local-part, said source identifier being encoded in said local-part, and wherein said step of examining said source identifier includes the step of retrieving said source identifier from said local-part of said address. (col.3, lines 16-39)

9. The method of claim 8, wherein said step of processing said electronic message includes the steps of: (a) opening a database; (b) determining if an entry associated with said source identifier exists in said database; (c) if said entry exists, processing said electronic message in accordance with processing instructions contained in said entry; (d) if said entry does not exist, processing said electronic message in accordance with a default processing instruction.

10. The method of claim 9, wherein said recipient name is a sub-domain of said electronic mail receiving system domain, and wherein said step of providing an e-mail server address includes the steps of: (a) obtaining sub-domain address information for said sub-domain of said electronic mail receiving system domain; (b) providing said sub-domain address as said e-mail server address.

11. The method of claim 10, wherein said step of obtaining said sub-domain address information

includes the steps of requesting an address from a DNS server and receiving a sub-domain

address from said DNS server in response to said request.

12. A system for receiving and processing an electronic message, comprising: an electronic

message receiver for receiving an incoming electronic message, said message having an address

which includes an electronic mail receiving system domain portion having a recipient name

encoded in therein; an electronic mail receiving system domain associated with said system;

processing instruction storage for maintaining processing instructions for said incoming

electronic message based on said recipient name; a message processor for processing said

incoming electronic message in accordance with said processing instructions. (col.2, lines 13-34;

col.5, lines 46-59)

13. The system of claim 12, wherein: said recipient name is a sub-domain of said electronic mail

receiving system domain; and said processing instruction storage includes instructions associated

with said sub-domain. (col.5, line 60-col.6, line 25)

14. The system of claim 12, wherein: said system includes an e-mail server associated with said

recipient name; and said message processor includes an e-mail server address request processor

for providing e-mail server address information in response to a request for an e-mail server

address associated with said recipient name. ("email mapper 10"; "NTTP server")

15. The system of claim 14, wherein said recipient name is a sub-domain of said electronic mail

receiving system domain and said e-mail server address request processor is a DNS server. ("NTTP server")

16. The system of claim 14, wherein said address of said electronic messages includes a local-part and a source identifier encoded in said local-part, and wherein said e-mail server includes: process instruction storage for maintaining processing instructions based on said source identifier for electronic messages received by said e-mail server; and an electronic message processor for processing electronic messages received by said e-mail server in accordance with said processing instructions. (col.3, lines 16-39)

17. The system of claim 16, wherein said process instruction storage is a database. (20, 21, 22, 23, 24)

18. The system of claim 16, wherein said process instruction storage is a text database. (col.3, liness 1-14; "content type: text")

Allowable Subject Matter

4.   Claims 9-11 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

5.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Jeffrey C. Pwu whose telephone number is 571-272-6798. If

attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David

Wiley can be reached on 571-272-3923. The fax phone number for the organization where this

application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would

like assistance from a USPTO Customer Service Representative or access to the automated

information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

6/9/06
JEFFREY PWU
PRIMARY EXAMINER